

HIGH FREQUENCY SWITCH

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- European:

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Abstract of JP2000196496

PROBLEM TO BE SOLVED: To provide a small-sized and inexpensive high frequency switch with a small propagation loss.

SOLUTION: A transmission terminal Tx is connected to an antenna terminal ANT and an external connection terminal Ex respectively via diodes D11, D13. The antenna terminal ANT is connected to a reception terminal Rx1 via a transmission line 23. A voltage control terminal Vc1 is connected to the reception terminal Rx1 via a diode D12. Meanwhile, the external connection terminal Ex is connected to a reception terminal Rx2 via a transmission line 25. A voltage control terminal Vc2 is connected to the reception terminal Rx2 via a diode D14. Furthermore, an intermediate connecting point among the transmission line 24 that is used in common by an antenna terminal side high frequency switch circuit 21a and an external connection terminal side high frequency switch circuit 21b.

